(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 19 May 2005 (19.05.2005)

PCT

(10) International Publication Number WO 2005/044683 A1

(51) International Patent Classificati	on ⁷ : B65D 39/04	10-2004-0079737		
			24 September 2004 (24.09.2004)	KR
(21) International Application Num	ber:	10-2004-0086931	25 October 2004 (25.10.2004)	KR
	PCT/KR2004/002842	10-2004-0086929	25 October 2004 (25.10.2004)	KR
		10-2004-0086930	25 October 2004 (25.10.2004)	KR

(22) International Filing Date:

5 November 2004 (05.11.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data: 10-2003-0080378

	5 November 2003 (05.11.2003)	KR
10-2004-0004030	15 January 2004 (15.01.2004)	KR
10-2004-0004884	19 January 2004 (19.01.2004)	KR
10-2004-0004883	19 January 2004 (19.01.2004)	KR
10-2004-0023921	2 April 2004 (02.04.2004)	KR
10-2004-0023923	2 April 2004 (02.04.2004)	KR
10-2004-0027306	17 April 2004 (17.04.2004)	KR
10-2004-0028841	21 April 2004 (21.04.2004)	KR
10-2004-0060997	19 July 2004 (19.07.2004)	KR
10-2004-0064912	13 August 2004 (13.08.2004)	KR
10-2004-0074774		
	10.0 . 1 . 2004 (10.00.2004)	TZD

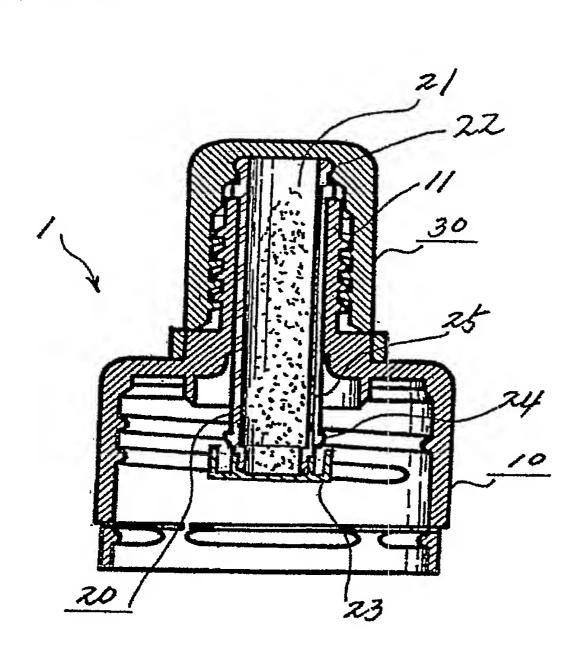
13 September 2004 (13.09.2004) KR

(71) Applicants and

- (72) Inventors: LEE, Jeong-Min [KR/KR]; A-1208, Misung APT., 37, Yeuido-Dong, Youngdungpo-Gu, Seoul 150-887 (KR). LEE, Seong-Jae [KR/KR]; A-1208, Misung APT., 37, Yeuido-Dong, Youngdungpo-Gu, Seoul 150-887 (KR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: METHOD AND STRUCTURE FOR MIXING DIFFERENT MATERIALS



(57) Abstract: A structure for mixing different materials includes a main body having a lip portion with an upper opening portion, the main body coupled to an opening of a container containing a first material; a spouting guide member movably inserted in the lip portion by a predetermined distance; a cap ascending and descending together with the spouting guide member, the cap being coupled to the main body; and a seal closer separately formed on a lower portion of the spouting guide member.

WO 2005/044683 A1



FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.